

02_728B_SL20080306.txt
SEQUENCE LISTING

<110> Sirna Therapeutics, Inc.
McSwiggen, James
Beigelman, Leonid

<120> RNA Interference Mediated Inhibition of Alzheimer's Disease Using
Short Interfering Nucleic Acid (siNA)

<130> 400/120 (MBHB02-728-B)

<140> US 10/607,933
<141> 2003-06-27

<150> PCT/US 03/04710
<151> 2003-02-18

<150> US 10/205,309
<151> 2002-07-25

<150> US 60/358,580
<151> 2002-02-20

<150> US 60/363,124
<151> 2002-03-11

<150> US 60/386,782
<151> 2002-06-06

<150> US 60/406,784
<151> 2002-08-29

<150> US 60/408,378
<151> 2002-09-05

<150> US 60/409,293
<151> 2002-09-09

<150> US 60/440,129
<151> 2003-01-15

<160> 709

<170> PatentIn version 3.2

<210> 1
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 1
cgcacucguc cccagcccg

<210> 2
<211> 19
<212> RNA
<213> Artificial Sequence

<220>

19

<223> Description of Artificial Sequence: Synthetic

<400> 2
gcccgaggagc ugcgagccg 19

<210> 3
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 3
gcgagcugga uuauggugg 19

<210> 4
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 4
gccugagcag ccaacgcag 19

<210> 5
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 5
gccgcaggag cccggagcc 19

<210> 6
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 6
ccuugcccu gcccgcgcc 19

<210> 7
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 7

cgccgcccgc cgggggggac	02_728B_SL20080306.txt	19
<p><210> 8 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 8 ccagggaagc cgccaccgg		19
<p><210> 9 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 9 gcccgcgaug cccgccccu		19
<p><210> 10 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 10 ucccagcccc gccgggagc		19
<p><210> 11 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 11 cccgcgcccg cugcccagg		19
<p><210> 12 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 12 gcuggccgcc gccgugccg		19

<210> 13
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 13
 gauguagcgg gcuccggau 19

<210> 14
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 14
 ucccagccuc uccccugcu 19

<210> 15
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 15
 ucccugcuc ugcggau 19

<210> 16
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 16
 ucccugacc gcuccac 19

<210> 17
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 17
 cagcccggac ccgggggcu 19

<210> 18
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 18

uggcccaggg ccugcagg

19

<210> 19

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 19

gccuggcgu ccugaugcc

19

<210> 20

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 20

ccccagcuc ccucuccug

19

<210> 21

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 21

gagaagccac cagcaccac

19

<210> 22

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 22

cccagacuug ggggcaggc

19

<210> 23

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 23

cgccagggac ggacguggg

19

<210> 24

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 24

gccagugcga gcccagagg

19

<210> 25

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 25

ggcccgaagg ccggggccc

19

<210> 26

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 26

caccauggcc caagcccug

19

<210> 27

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 27

gcccuggcuc cugcugugg

19

<210> 28

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 28

	02_728B_SL20080306.txt	
gauggg'gcgcg ggagugcug		19
<210> 29		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 29		
gccugcccac ggcacccag		19
<210> 30		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 30		
gcacggcauc cggcugccc		19
<210> 31		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 31		
ccugcg'cagc ggccugggg		19
<210> 32		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 32		
ggg'cgcccc cuggggcug		19
<210> 33		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 33		
gcggcugccc cgggagacc		19

<210> 34
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 34
 cgacgaagag cccgaggag 19

<210> 35
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 35
 gcccggccgg aggggcagc 19

<210> 36
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 36
 cuuuguggag augguggac 19

<210> 37
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 37
 caaccugagg ggcaagucg 19

<210> 38
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 38
 ggggcagggc uacuacgug 19

<210> 39
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 39

ggagaugacc gugggcagc

19

<210> 40

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 40

ccccccgcag acgcucaac

19

<210> 41

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 41

cauccuggug gauacaggc

19

<210> 42

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 42

cagcaguaac uuugcagug

19

<210> 43

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 43

gggugcugcc cccaccccc

19

<210> 44

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 44

cuuccugcau cguacuac

19

<210> 45

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 45

ccagaggcag cuguccagc

19

<210> 46

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 46

cacauaccgg gaccuccgg

19

<210> 47

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 47

gaagggugug uaugugccc

19

<210> 48

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 48

cuacaccag ggcaagugg

19

<210> 49

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 49

	02_728B_SL20080306.txt	
ggaaggggag cugggcacc		19
<210> 50		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 50		
cgaccuggua agcaucgcc		19
<210> 51		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 51		
ccauggcccc aacgucacu		19
<210> 52		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 52		
ugugcgugcc aacauugcu		19
<210> 53		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 53		
ugccaucacu gaauagac		19
<210> 54		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 54		
caaguucuuc aucaacggc		19

<210> 55
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 55
 cuccaacugg gaaggcauc 19

<210> 56
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 56
 ccuggggcug gccuaugcu 19

<210> 57
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 57
 ugagauugcc aggccugac 19

<210> 58
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 58
 cgacuccug gagccuuuc 19

<210> 59
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 59
 cuuugacucu cugguaaag 19

<210> 60

<211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 60
 gcagaccac guucccaac 19

<210> 61
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 61
 ccucuuccc cugcagcuu 19

<210> 62
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 62
 uuguggugcu ggcuucccc 19

<210> 63
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 63
 ccucaaccag ucugaagug 19

<210> 64
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 64
 gcuggccucu gucggaggg 19

<210> 65
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 65
 gagcaugauc auuggaggu 19

<210> 66
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 66
 uaucgaccac ucgcuguac 19

<210> 67
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 67
 cacaggcagu cucugguau 19

<210> 68
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 68
 uacacccauc cggcgaggag 19

<210> 69
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 69
 gugguauuau gaggucauc 19

<210> 70
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 70
caugugcgg guggagauc 19

<210> 71
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 71
caauggacag gaucugaaa 19

<210> 72
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 72
aauggacugc aaggaguac 19

<210> 73
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 73
caacuaugac aagagcauu 19

<210> 74
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 74
uguggacagu ggcaccacc 19

<210> 75
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 75
caaccuucgu uugcccaag 19

<210> 76
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 76
 gaaaguguuu gaagcugca 19

<210> 77
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 77
 agucaaaucc aucaaggca 19

<210> 78
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 78
 agccuccucc acggagaag 19

<210> 79
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 79
 guucccugau gguuucugg 19

<210> 80
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 80
 gcuaggagag cagcuggug 19

<210> 81

<211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 81
 gugcuggcaa gcaggcacc 19

<210> 82
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 82
 caccucuugg aacauuuuc 19

<210> 83
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 83
 cccagucauc ucacucuac 19

<210> 84
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 84
 ccuaaugggg gagguuacc 19

<210> 85
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 85
 caaccagucc uuccgcauc 19

<210> 86
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 86
 caccauccuu ccgcagcaa 19

<210> 87
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 87
 auaccugcgg ccaguggaa 19

<210> 88
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 88
 agaugggcc acguccaa 19

<210> 89
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 89
 agacgacugu uacaaguuu 19

<210> 90
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 90
 ugccaucuca cagucaucc 19

<210> 91
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 91

cacgggcacu guuauggga

19

<210> 92

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 92

agcuguuauca auggagggc

19

<210> 93

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 93

cuucuacguu gucuuugau

19

<210> 94

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 94

ucgggcccca aaacgaauu

19

<210> 95

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 95

uggcuuugcu gucagcgcu

19

<210> 96

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 96
 uugccaugug cacgaugag 19

<210> 97
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 97
 guucaggacg gcagcggug 19

<210> 98
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 98
 ggaaggcccu uuugucacc 19

<210> 99
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 99
 cuuggacaug gaagacugu 19

<210> 100
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 100
 uggcuacaac auuccacag 19

<210> 101
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 101
 gacagaugag ucaaccuc 19

<210> 102
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 102
 caugaccaua gccuauguc 19

<210> 103
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 103
 cauggcugcc aucugcgcc 19

<210> 104
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 104
 ccucucaug cugccacuc 19

<210> 105
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 105
 cugccucaug gugugucag 19

<210> 106
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 106
 guggcgugc cuccgcugc 19

<210> 107

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 107
 ccugcgccag cagcaugau 19

<210> 108
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 108
 ugacuuugcu gaugacauc 19

<210> 109
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 109
 cucccgugcug aagugagga 19

<210> 110
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 110
 aggcccaugg gcagaagau 19

<210> 111
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 111
 uagagauucc ccuggacca 19

<210> 112
 <211> 19
 <212> RNA
 <213> Artificial Sequence

```

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 112
acaccuccgu gguucacuu
19

<210> 113
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 113
uuggucacaa guaggagac
19

<210> 114
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 114
cacagauggc accuguggc
19

<210> 115
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 115
ccagagcacc ucaggaccc
19

<210> 116
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 116
cuccccaccc accaaaugc
19

<210> 117
<211> 19
<212> RNA
<213> Artificial Sequence

<220>

```

<223> Description of Artificial Sequence: Synthetic

<400> 117

ccucugccuu gauggagaa

19

<210> 118

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 118

aggaaaaggc uggcaaggu

19

<210> 119

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 119

uggguuccag ggacuguac

19

<210> 120

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 120

ccuguaggaa acagaaaag

19

<210> 121

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 121

gagaagaaag aagcacucu

19

<210> 122

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 122

ugcuggcggg aauacucu	02_728B_SL20080306.txt	19
<p> <210> 123 <211> 19 <212> RNA <213> Artificial Sequence </p>		
<p> <220> <223> Description of Artificial Sequence: Synthetic </p>		
<400> 123 uggucaccuc aaauuaag		19
<p> <210> 124 <211> 19 <212> RNA <213> Artificial Sequence </p>		
<p> <220> <223> Description of Artificial Sequence: Synthetic </p>		
<400> 124 gucgggaaau ucugcugcu		19
<p> <210> 125 <211> 19 <212> RNA <213> Artificial Sequence </p>		
<p> <220> <223> Description of Artificial Sequence: Synthetic </p>		
<400> 125 uugaaacuuc agcccugaa		19
<p> <210> 126 <211> 19 <212> RNA <213> Artificial Sequence </p>		
<p> <220> <223> Description of Artificial Sequence: Synthetic </p>		
<400> 126 accuuugucc accauuccu		19
<p> <210> 127 <211> 19 <212> RNA <213> Artificial Sequence </p>		
<p> <220> <223> Description of Artificial Sequence: Synthetic </p>		
<400> 127 uuuaaaauucu ccaacccaa		19

<210> 128
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 128
 aaguaauucuu cuuuucuua 19

<210> 129
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 129
 aguuucagaa guacuggca 19

<210> 130
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 130
 aucacacgca gguuaccuu 19

<210> 131
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 131
 uggcgugugu cccuguggu 19

<210> 132
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 132
 uaccuggca gagaagaga 19

<210> 133
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 133

accaagcuug uuucccugc

19

<210> 134

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 134

cuggccaaag ucaguagga

19

<210> 135

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 135

agaggauca caguuugcu

19

<210> 136

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 136

uauuugcuuu agagacagg

19

<210> 137

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 137

ggacuguaua aacaagccu

19

<210> 138

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 138

uaacauuggu gcaaagauu

19

<210> 139

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 139

ugccucuuga auuaaaaaa

19

<210> 140

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 140

aaaaacuag auugacuau

19

<210> 141

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 141

uuuauacaaa ugggggcgg

19

<210> 142

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 142

gcuggaaaga ggagaagga

19

<210> 143

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 143

	02_728B_SL20080306.txt	
agagggagua caaagacag		19
<210> 144		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 144		
gggaauagug ggaucaaag		19
<210> 145		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 145		
gcuaggaaag gcagaaaca		19
<210> 146		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 146		
acaaccacuc accaguccu		19
<210> 147		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 147		
uaguuuuaga ccucaucuc		19
<210> 148		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 148		
ccaagauagc aucccaucu		19

<210> 149
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 149
 ucagaagaug gguguuguu 19

<210> 150
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 150
 uuucaauguu uucuuuucu 19

<210> 151
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 151
 ugugguugca gccugacca 19

<210> 152
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 152
 aaaagugaga ugggaaggg 19

<210> 153
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 153
 gcuuauacuag ccaaagagc 19

<210> 154
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 154

cucuuuuuuu gcucucuua

19

<210> 155

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 155

aaaugaagug cccacuaag

19

<210> 156

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 156

gaaguuccac uuaacacau

19

<210> 157

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 157

ugaauuucug ccuauuuua

19

<210> 158

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 158

auuucuuugu cucuauucug

19

<210> 159

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 159

gaaccacccu uuauucuac

19

<210> 160

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 160

cauauagauag gcagcacug

19

<210> 161

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 161

gaaauauccu aacccccua

19

<210> 162

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 162

aagcuccagg ugcccugug

19

<210> 163

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 163

gggagagcaa cuggacuau

19

<210> 164

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 164
uagcagggcu gggcucugu 19

<210> 165
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 165
ucuuccuggu cauaggcuc 19

<210> 166
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 166
cacucuuucc cccaaaucu 19

<210> 167
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 167
uuccucugga gcuuugcag 19

<210> 168
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 168
gccaaaggugc uaaaaggaa 19

<210> 169
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 169
auagguagga gaccucuuc 19

<210> 170
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 170
 cuaucuaauc cuuaaaagc 19

<210> 171
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 171
 cauaauguug aacauucau 19

<210> 172
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 172
 uucaacagcu gaugcccu 19

<210> 173
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 173
 auaacccug ccuggauuu 19

<210> 174
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 174
 ucuuccuauu aggcuauaa 19

<210> 175
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 175
 agaaguagca agaucuuua 19

<210> 176
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 176
 acauaauuca gagugguuu 19

<210> 177
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 177
 ucauugccuu ccuaccuc 19

<210> 178
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 178
 cucuaauggc ccucuccauu 19

<210> 179
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 179
 uuauuugacu aaagcauca 19

<210> 180
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 180

acacaguggc acuagcauu

19

<210> 181

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 181

uauaccaaga guaugagaa

19

<210> 182

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 182

aaucacagugc uuuauugcu

19

<210> 183

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 183

ucuaacauua cugccuua

19

<210> 184

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 184

aguaucaagg cugccugga

19

<210> 185

<211> 19

<212> RNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 185
 agaaaggaug gcagccuca 19

 <210> 186
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 186
 agggcuuccu uauguccuc 19

 <210> 187
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 187
 ccaccacaag agcuccuug 19

 <210> 188
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 188
 gaugaagguc aucuuuuuc 19

 <210> 189
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 189
 ccccuauccu guucuuccc 19

 <210> 190
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 190
ccuccccgcu ccuaauggu 19

<210> 191
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 191
uacgugggua cccaggcug 19

<210> 192
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 192
gguuuuggg cuagguagu 19

<210> 193
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 193
uggggaccaa guucauuac 19

<210> 194
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 194
ccucccuauc aguucuagc 19

<210> 195
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 195
cauaguaaac uacgguacc 19

<210> 196
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 196
 caguguuagu gggaagagc 19

<210> 197
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 197
 cuggguuuuc cuaguauac 19

<210> 198
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 198
 cccacugcau ccuacuccu 19

<210> 199
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 199
 uaccugguca acccgcugc 19

<210> 200
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 200
 cuuccaggua ugaggaccug 19

<210> 201

<211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 201
 gcuaagugug gaauuaccu 19

<210> 202
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 202
 ugauaagga gagggaaau 19

<210> 203
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 203
 uacaaggagg gccucuggu 19

<210> 204
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 204
 uguuccuggc cucagccag 19

<210> 205
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 205
 gcugcccaca agccauaaa 19

<210> 206
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 206
 accaauaaaa caagaauac 19

<210> 207
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 207
 cugagucagu uuuuuauuc 19

<210> 208
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 208
 ugguuucucu ucauuccca 19

<210> 209
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 209
 acugacuug gugcugcuu 19

<210> 210
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 210
 uuggcugacu gggaacacc 19

<210> 211
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 211
cccauaacua cagagucug 19

<210> 212
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 212
gacaggaaga cuggagacu 19

<210> 213
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 213
uguccacuuc uagcucgga 19

<210> 214
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 214
aacuuacugu guaaaauaaa 19

<210> 215
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 215
acuuucagaa cugcuacca 19

<210> 216
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 216
augaagugaa aaugccaca 19

<210> 217
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 217
 auuuugcuuu auaauuucu 19

<210> 218
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 218
 uacccauguu gggaaaaac 19

<210> 219
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 219
 cuggcuuuuu cccagcccu 19

<210> 220
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 220
 uuuccagggc auaaaacuc 19

<210> 221
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 221
 caaccccuuc gauagcaag 19

<210> 222

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 222
 gucccaucag ccuaauuuuu 19

<210> 223
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 223
 uuuuuuuuaag aaaacuugc 19

<210> 224
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 224
 cacuuguuuu ucuuuuuuac 19

<210> 225
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 225
 caguuaacuuc cuuccugcc 19

<210> 226
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 226
 cccaaaauua uaaacucua 19

<210> 227
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 227
aaguguaaaa aaaagucuu 19

<210> 228
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 228
uaacaacagc uucuugcuu 19

<210> 229
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 229
uguaaaaaia uguauuaia 19

<210> 230
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 230
acaucuguau uuuuuaaaui 19

<210> 231
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 231
ucugcuccug aaaaauagac 19

<210> 232
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 232
cugucccauu cuccacuca 19

<210> 233
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 233
acugcauuug gggccuuuc 19

<210> 234
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 234
cccauugguc ugcaugucu 19

<210> 235
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 235
uuuuaucauu gcaggccag 19

<210> 236
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 236
guggacagag ggagaaggg 19

<210> 237
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 237

02_728B_SL20080306.txt

gagaacaggg gucgccaac 19

<210> 238
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 238
 cacuuguguu gcuuucuga 19

<210> 239
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 239
 acugauccug aacaagaaa 19

<210> 240
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 240
 agaguaacac ugaggcgcu 19

<210> 241
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 241
 ugcucccau gcacaacuc 19

<210> 242
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 242
 cuccaaaaca cuuauccuc 19

<210> 243
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 243
 ccugcaagag ugggcuuuc 19

<210> 244
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 244
 ccagggucuu uacugggaa 19

<210> 245
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 245
 agcaguuuag cccccuccu 19

<210> 246
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 246
 ucaccccuuc cuuuuuucu 19

<210> 247
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 247
 uuucuuuacu ccuuuggcu 19

<210> 248
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 248
 uucaaaggau uuuggaaaa 19

<210> 249
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 249
 agaaacaaua ugcuuuaca 19

<210> 250
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 250
 acucauuuuc aauuucuaa 19

<210> 251
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 251
 aauuugcagg ggauacuga 19

<210> 252
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 252
 aaaaauacgg cagguggcc 19

<210> 253
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 253
 cuaaggcugc uguaaaguu 19

<210> 254
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 254
 ugaggggaga ggaaaucuu 19

<210> 255
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 255
 uaagauuaca agauaaaaa 19

<210> 256
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 256
 aacgaauccc cuaaacaaa 19

<210> 257
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 257
 aaagaacaau agaacuggu 19

<210> 258
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 258
ucuuccauuu ugccaccuu 19

<210> 259
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 259
uuccuguuca ugacagcua 19

<210> 260
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 260
acuaaccugg agacaguaa 19

<210> 261
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 261
acauuucauu aaccaaaga 19

<210> 262
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 262
aaaguggguc accugaccu 19

<210> 263
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 263
ucugaagagc ugaguacuc 19

<210> 264
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 264
 caggccacuc caaucaccc 19

<210> 265
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 265
 cuacaagaug ccaaggagg 19

<210> 266
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 266
 gucccaggaa guccagcuc 19

<210> 267
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 267
 ccuuaaacug acgcuaguc 19

<210> 268
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 268
 caauaaaccu gggcaagug 19

<210> 269
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 269
 gaggcaagag aaaugagga 19

<210> 270
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 270
 aagaauccau cugugaggu 19

<210> 271
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 271
 ugacaggcaa ggaugaaag 19

<210> 272
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 272
 gacaaagaag gaaaagagu 19

<210> 273
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 273
 uaucaaaggc agaaaggag 19

<210> 274
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 274
 gaucauuuag uugggucug 19

<210> 275
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 275
 gaaaggaaaa gucuuugcu 19

<210> 276
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 276
 uauccgacau guacugcua 19

<210> 277
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 277
 aguaccugua agcauuuuu 19

<210> 278
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 278
 aggucccaga auggaaaaa 19

<210> 279
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 279
 aaaaaucagc uauugguaa 19

<210> 280
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 280
 auauaauaau guccuuucc 19

<210> 281
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 281
 ccuggaguca guuuuuuuua 19

<210> 282
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 282
 aaaaaguuaa cucuuaguu 19

<210> 283
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 283
 uuuuacuugu uuaauucua 19

<210> 284
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 284
 aaaagagaag ggagcugag 19

<210> 285
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 285
 ggccauuccc uguaggagu 19

<210> 286
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 286
 uaaagauaaa aggauagga 19

<210> 287
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 287
 aaaagauuca aagcucuaa 19

<210> 288
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 288
 auagagucac agcuuuccc 19

<210> 289
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 289
 cagguauaaa accuaaaau 19

<210> 290

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 290
 uuaagaagua caauaagca 19

<210> 291
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 291
 agagguggaa aaugaucua 19

<210> 292
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 292
 aguuccugau agcuaccca 19

<210> 293
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 293
 acagagcaag ugauuuaua 19

<210> 294
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 294
 aaauuugaaa uccaaacua 19

<210> 295
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 295
 acuuucuuaa uaucacuuu 19

<210> 296
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 296
 uggucuccau uuuucccag 19

<210> 297
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 297
 ggacaggaaa uaugucccc 19

<210> 298
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 298
 cccuaacuu ucuugcuuc 19

<210> 299
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 299
 caaaaauuaa aauccagca 19

<210> 300
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>

<223> Description of Artificial Sequence: Synthetic
 <400> 300
 aucccaagau cauucuaca 19

 <210> 301
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 301
 aaguaauuuu gcacagaca 19

 <210> 302
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 302
 aucuccucac cccagugcc 19

 <210> 303
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 303
 cugucuggag cucacccaa 19

 <210> 304
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 304
 aggucaccaa acaacuugg 19

 <210> 305
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 305
guugugaacc aacugccuu 19

<210> 306
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 306
uaaccuucug ggggagggg 19

<210> 307
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 307
ggauuagcua gacuaggag 19

<210> 308
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 308
gaccagaagu gaaugggaa 19

<210> 309
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 309
aagggugagg acuucacaa 19

<210> 310
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 310
auguuggccu gucagagcu 19

<210> 311
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 311
 uugauuagaa gccaaagaca 19

<210> 312
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 312
 aguggcagca aaggaagac 19

<210> 313
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 313
 cuuggcccag gaaaaaccu 19

<210> 314
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 314
 uguggguugu gcuaauuuc 19

<210> 315
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 315
 cuguccagaa aauagggug 19

<210> 316
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 316
 ggacagaagc uugugggu 19

<210> 317
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 317
 ugcauggagg aaugggac 19

<210> 318
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 318
 ccugguuauug uuguuauuc 19

<210> 319
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 319
 cucggacugu gaauuuugg 19

<210> 320
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 320
 gugauguaaa acagaauau 19

<210> 321
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 321
 uucuguaaac cuaaugucu 19

<210> 322
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 322
 uguauaaaau augagcguu 19

<210> 323
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 323
 uaacacagua aaauauuca 19

<210> 324
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 324
 aaauagaagu caaaaaaaaa 19

<210> 325
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 325
 aagucaaaaa aaaaaaaaaa 19

<210> 326
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 326
 cgggcugggg acgagugcg 19

<210> 327
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 327
 cggcucgcag cucccgggc 19

<210> 328
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 328
 ccaccauaau ccagcucgc 19

<210> 329
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 329
 cugcguuggc ugcucaggc 19

<210> 330
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 330
 ggcuccgggc uccugcggc 19

<210> 331
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 331
 ggcgcgggca ggggcaagg 19

<210> 332
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 332
 guccccccgg cgggcggcg 19

<210> 333
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 333
 ccgguggcgg cuucccugg 19

<210> 334
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 334
 aggggcgggc auggcgggc 19

<210> 335
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 335
 gcucccggcg gggcuggga 19

<210> 336
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 336
 ccugggcagc gggcgcggg 19

<210> 337

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 337
 cggcacggcg gcggccagc 19

<210> 338
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 338
 auccggagcc cguacauc 19

<210> 339
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 339
 agcaggggag aggcuggga 19

<210> 340
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 340
 agauccgcag agcacggga 19

<210> 341
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 341
 guggagagcg gucagggga 19

<210> 342
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 342
agcccccggg uccgggcug 19

<210> 343
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 343
ccugcagggc ccugggcca 19

<210> 344
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 344
ggcaucagga cgccagggc 19

<210> 345
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 345
caggagaggg agcuugggg 19

<210> 346
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 346
guggugcugg uggcuucuc 19

<210> 347
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 347
gccugccccc aagucuggg 19

<210> 348
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 348
cccacguccg ucccuggcg 19

<210> 349
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 349
ccucugggcu cgcacuggc 19

<210> 350
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 350
gggcccggc cuucgggcc 19

<210> 351
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 351
cagggcuugg gccauggug 19

<210> 352
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 352
ccacagcagg agccagggc 19

<210> 353
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 353
 cagcacuccc gcgccauc 19

<210> 354
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 354
 cugggugccg ugggcaggc 19

<210> 355
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 355
 gggcagccgg augccgugc 19

<210> 356
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 356
 ccccaggccg cugcgcagg 19

<210> 357
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 357
 cagccccagg ggggcgccc 19

<210> 358
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 358
 ggucucccg ggcagccgc 19

<210> 359
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 359
 cuccucgggc ucuucgucg 19

<210> 360
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 360
 gcugcccccuc cggccgggc 19

<210> 361
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 361
 guccaccauc uccacaaag 19

<210> 362
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 362
 cgacuugccc cucagguug 19

<210> 363
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 363

cacguaguag cccugcccc

19

<210> 364

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 364

gcugcccacg gucaucucc

19

<210> 365

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 365

guugagcguc ugcggggggg

19

<210> 366

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 366

gccuguauc accaggaug

19

<210> 367

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 367

cacugcaaag uuacugcug

19

<210> 368

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 368

gggguggggg gcagcaccc

19

<210> 369

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 369

guaguagcga ugcaggaag

19

<210> 370

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 370

gcuggacagc ugccucugg

19

<210> 371

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 371

ccggaggucc cgguaugug

19

<210> 372

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 372

gggcacauac acacccuuc

19

<210> 373

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 373

	02_728B_SL20080306.txt	
ccacuugccc uggguguag		19
<210> 374		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 374		
ggugcccagc uccccuucc		19
<210> 375		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 375		
ggggaugcuu accaggucg		19
<210> 376		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 376		
agugacguug gggccaugg		19
<210> 377		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 377		
agcaauguug gcacgcaca		19
<210> 378		
<211> 19		
<212> RNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: Synthetic		
<400> 378		
gucugauuca gugauggca		19

<210> 379
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 379
 gccguugaug aagaacuug 19

<210> 380
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 380
 gaugccuucc caguuggag 19

<210> 381
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 381
 agcauaggcc agccccagg 19

<210> 382
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 382
 gucaggccug gcaaucuca 19

<210> 383
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 383
 gaaaggcucc agggagucg 19

<210> 384
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 384
 cuuuaccaga gagucaaag 19

<210> 385
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 385
 guugggaacg ugggucugc 19

<210> 386
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 386
 aagcugcagg gagaagagg 19

<210> 387
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 387
 ggggaagcca gcaccacaa 19

<210> 388
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 388
 cacuucagac ugguugagg 19

<210> 389
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 389
 cccuccgaca gaggccagc 19

<210> 390
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 390
 accuccaaug aucaugcuc 19

<210> 391
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 391
 guacagcgag uggucgaua 19

<210> 392
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 392
 auaccagaga cugccugug 19

<210> 393
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 393
 cucccgccgg augggugua 19

<210> 394
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 394
 gaugaccuca uaauaccac 19

<210> 395
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 395
 gaucuccacc cgcacaaug 19

<210> 396
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 396
 uuucagaucc uguccauug 19

<210> 397
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 397
 guacuccuug caguccauu 19

<210> 398
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 398
 aaugcucuug ucauaguug 19

<210> 399
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 399
 gguggugcca cuguccaca 19

<210> 400
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 400
 cuugggcaaa cgaagguug 19

<210> 401
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 401
 ugcagcuuca aacacuuuc 19

<210> 402
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 402
 ugccuugaug gauuugacu 19

<210> 403
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 403
 cuucuccgug gaggaggcu 19

<210> 404
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 404
 ccagaaacca ucaggaac 19

<210> 405
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 405
 caccagcugc ucuccuagc 19

<210> 406
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 406
 ggugccugcu ugccagcac 19

<210> 407
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 407
 gaaaauguuc caaggggug 19

<210> 408
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 408
 guagagugag augacuggg 19

<210> 409
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 409
 gguaaccuca ccgauuagg 19

<210> 410
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 410
 gaugcggaag gacugguug 19
 <210> 411
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 411
 uugcugcgga aggauggug 19
 <210> 412
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 412
 uuccacuggc cgcagguau 19
 <210> 413
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 413
 uugggacgug gccacauu 19
 <210> 414
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 414
 aaacuuguuaa cagucgucu 19
 <210> 415
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 415
ggaugacugu gagauggca 19

<210> 416
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 416
ucccauaaca gugcccgug 19

<210> 417
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 417
gcccucaug auaacagcu 19

<210> 418
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 418
aucaaagaca acguagaag 19

<210> 419
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 419
aauucguuuu cgggcccga 19

<210> 420
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 420
agcgugaca gcaaagcca 19

<210> 421
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 421
 cucaucgugc acauggcaa 19

<210> 422
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 422
 caccgcugcc guccugaac 19

<210> 423
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 423
 ggugacaaaa gggccuucc 19

<210> 424
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 424
 acagucuucc auguccaag 19

<210> 425
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 425
 cuguggaaug uuguagcca 19

<210> 426

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 426
 gagggguugac ucaucuguc 19

<210> 427
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 427
 gacauaggcu auggucaug 19

<210> 428
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 428
 ggcgcagaug gcagccaug 19

<210> 429
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 429
 gaguggcagc augaagagg 19

<210> 430
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 430
 cugacacacc augaggcag 19

<210> 431
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 431
 gcagcggagg cagcgccac 19

<210> 432
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 432
 aucaugcugc uggcgcagg 19

<210> 433
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 433
 gaugucauca gcaaaguca 19

<210> 434
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 434
 uccucacuuc agcagggag 19

<210> 435
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 435
 aucuucugcc caugggccu 19

<210> 436
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 436
 ugguccaggg gaaucucua 19

<210> 437
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 437
 aagugaacca cggaggugu 19

<210> 438
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 438
 guccuacu ugugacaa 19

<210> 439
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 439
 gccacaggug ccaucugug 19

<210> 440
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 440
 ggguccugag gugcucugg 19

<210> 441
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 441
 gcauuuggug gguggggag 19

<210> 442
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 442
 uucuccauca aggcagagg 19

<210> 443
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 443
 accuugccag ccuuuuccu 19

<210> 444
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 444
 guacaguccc uggaaccca 19

<210> 445
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 445
 cuuuucuguu uccuacagg 19

<210> 446
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 446
 agagugcuuc uuucuucuc 19

<210> 447
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 447
 aagaguauuc ccgccagca 19

<210> 448
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 448
 cuuaaaauug aggugacca 19

<210> 449
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 449
 agcagcagaa uuucccgac 19

<210> 450
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 450
 uucagggcug aaguuucaa 19

<210> 451
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 451
 aggaauuggug gacaaaggu 19

<210> 452
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 452

uuggguugga gaauuuaaa

19

<210> 453

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 453

uaagaaaaga agaauacuu

19

<210> 454

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 454

ugccaguacu ucugaaacu

19

<210> 455

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 455

aagguaaccu gcgugugau

19

<210> 456

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 456

accacagga cacacgcca

19

<210> 457

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 457

ucucuucucu gccagggua

19

<210> 458

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 458

gcagggaaac aagcuuggu

19

<210> 459

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 459

uccuacugac uuuggccag

19

<210> 460

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 460

agcaaacugu gcauccucu

19

<210> 461

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 461

ccugucucua aagcaaaaua

19

<210> 462

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 462
aggcuuguuu auacagucc 19

<210> 463
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 463
aaucuuugca ccaauguua 19

<210> 464
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 464
uuuuuuuuu caagaggca 19

<210> 465
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 465
auagucaauc uaguuuuuu 19

<210> 466
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 466
ccgcccccau uuguauaaa 19

<210> 467
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 467
uccuucccu cuuuccagc 19

<210> 468
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 468
 cugucuuugu acucccucu 19

<210> 469
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 469
 cuuugaucac acuaauucac 19

<210> 470
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 470
 uguuuucugcc uuuccuagc 19

<210> 471
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 471
 aggacuggug agugguugu 19

<210> 472
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 472
 gagaugaggu cuaaaacua 19

<210> 473
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 473
 agaugggaug cuaucuugg 19

<210> 474
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 474
 aacaacaccc aucuucuga 19

<210> 475
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 475
 agaaaagaaa acauugaaa 19

<210> 476
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 476
 uggucaggcu gcaaccaca 19

<210> 477
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 477
 cccuucccau cucacuuuu 19

<210> 478
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 478

gcucuuuggc uagauaagc

19

<210> 479

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 479

uaagagagcu aaaaaagag

19

<210> 480

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 480

cuuagugggc acuucauuu

19

<210> 481

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 481

auguguuaag uggaacuuc

19

<210> 482

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 482

uuaauauggc agaaauuca

19

<210> 483

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 483
cagauagaga caaugaaau 19

<210> 484
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 484
guagaauaaa gggugguuc 19

<210> 485
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 485
cagugcugcc uaucauaug 19

<210> 486
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 486
uaggggguaa ggauuuuc 19

<210> 487
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 487
cacagggcac cuggagcuu 19

<210> 488
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 488
auaguccagu ugcucuccc 19

<210> 489
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 489
 acagagccca gccucgcu 19

<210> 490
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 490
 gagccuauga ccaggaaga 19

<210> 491
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 491
 agauuugggg gaaagagug 19

<210> 492
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 492
 cugcaaagcu ccagaggaa 19

<210> 493
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 493
 uuccuuuuag caccuuggc 19

<210> 494
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 494
 gaagaggucu ccuaccuau 19

<210> 495
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 495
 gcuuuuuagg auuagauag 19

<210> 496
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 496
 augaauguuc aacauuag 19

<210> 497
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 497
 uagggcauca gcuguugaa 19

<210> 498
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 498
 aaauccaggc agggguuau 19

<210> 499
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 499

uuauagccua auaggaaga

19

<210> 500

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 500

uaaagaucuu gcuacuucu

19

<210> 501

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 501

aaaccacucu gaauuaugu

19

<210> 502

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 502

gaggguaagga aggcaauga

19

<210> 503

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 503

aauggagggg ccuuuagag

19

<210> 504

<211> 19

<212> RNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 504
 ugaugcuuuu gucaaaaua 19

<210> 505
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 505
 aaugcuagug ccacugugu 19

<210> 506
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 506
 uucucauacu cuugguaua 19

<210> 507
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 507
 agccauaaag cacuguauu 19

<210> 508
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 508
 ugaaggcagu aauguuaga 19

<210> 509
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 509
uccaggcagc cuugauacu 19

<210> 510
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 510
ugaggcugcc auccuuucu 19

<210> 511
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 511
gaggacauaa ggaagcccu 19

<210> 512
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 512
caaggagcuc uuguggugg 19

<210> 513
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 513
gaaaaaug accucauc 19

<210> 514
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 514
gggaagaaca ggauagggg 19

<210> 515
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 515
 accauuagga gcggggagg 19

<210> 516
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 516
 cagccugggu acccacgua 19

<210> 517
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 517
 acuaccuagc ccaagaacc 19

<210> 518
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 518
 guaaugaacu uggucccca 19

<210> 519
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 519
 gcuagaacug auagggagg 19

<210> 520

<211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 520
 gguaccguag uuuacuaug 19

<210> 521
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 521
 gcucuuccca cuaacacug 19

<210> 522
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 522
 guauacuagg aaaacccag 19

<210> 523
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 523
 aggaguagga ugcaguggg 19

<210> 524
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 524
 gcagcgguu gaccaggua 19

<210> 525
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 525
 caggucccau accuggaag 19

<210> 526
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 526
 agguaauucc acacuuagc 19

<210> 527
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 527
 auuucccucu cccuuauca 19

<210> 528
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 528
 accagaggcc cuccuugua 19

<210> 529
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 529
 cuggcugagg ccaggaaca 19

<210> 530
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 530
 uuuauugcguu gugggcagc 19

<210> 531
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 531
 guauucuugu uuuauggu 19

<210> 532
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 532
 agauaaaaaa cugacucag 19

<210> 533
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 533
 ugggaaugaa gagaacca 19

<210> 534
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 534
 aagcagcacc aagucagu 19

<210> 535
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 535
gguguuccca gucagccaa 19

<210> 536
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 536
cagacucugu aguuauagg 19

<210> 537
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 537
agucuccagu cuuccuguc 19

<210> 538
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 538
uccgagcuag aaguggaca 19

<210> 539
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 539
uuuauuuaca caguaaguu 19

<210> 540
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 540
ugguagcagu ucugaaagu 19

<210> 541
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 541
 uguggcauuu ucacuucau 19

<210> 542
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 542
 agaaaauuaa aagcaaaau 19

<210> 543
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 543
 guuuuuuccca acaugggua 19

<210> 544
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 544
 agggcuggga aaaagccag 19

<210> 545
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 545
 gaguuuuauug cccuggaaa 19

<210> 546
 <211> 19

<212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 546
 cuugcuaucg aagggguug 19

<210> 547
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 547
 aaauaauaggc ugaugggac 19

<210> 548
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 548
 gcaaguuuuc uuuaaaaaa 19

<210> 549
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 549
 guaaaaagaa aaacaagug 19

<210> 550
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 550
 ggcaggaagg aaguaacug 19

<210> 551
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 551
 uagaguuuau aauuuuggg 19
 <210> 552
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 552
 aagacuuuuu uuucacuu 19
 <210> 553
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 553
 aagcaagaag cuguuguua 19
 <210> 554
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 554
 uauaaauacau auuuuuaca 19
 <210> 555
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 555
 aaauuuaaaaa uacagaugu 19
 <210> 556
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 556
 gucauuuuuc aggagcaga 19

<210> 557
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 557
 ugaguggaga augggacag 19

<210> 558
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 558
 gaaaggcccc aaaugcagu 19

<210> 559
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 559
 agacaugcag accaauggg 19

<210> 560
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 560
 cuggccugca augauaaaa 19

<210> 561
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 561
 cccuucuccc ucuguccac 19

<210> 562
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 562
 guuggcgacc ccuguucuc 19

<210> 563
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 563
 ucagaaagca acacaagug 19

<210> 564
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 564
 uuucuuguuc aggaucagu 19

<210> 565
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 565
 agcgccucag uguuacucu 19

<210> 566
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 566
 gaguugugca ugggagcga 19

<210> 567
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 567
 gaggaauaagu guuuuggag 19

<210> 568
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 568
 gaaagccac ucuugcagg 19

<210> 569
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 569
 uuuccaguaa agaccugg 19

<210> 570
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 570
 aggagggggc uuaacugcu 19

<210> 571
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 571
 agaaaaaagg aagggguga 19

<210> 572
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 572
 agccaaagga guaaagaaa 19

<210> 573
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 573
 uuuuccaaaa uccuuugaa 19

<210> 574
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 574
 uguaaagcau auuguuucu 19

<210> 575
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 575
 uuagaaaauug aaaaugagu 19

<210> 576
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 576
 ucaguauccc cugcaaaau 19

<210> 577
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 577
ggccaccugc cguauuuuu 19

<210> 578
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 578
aacuuuacag cagccuuag 19

<210> 579
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 579
aagauuuccu cuccccuca 19

<210> 580
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 580
uuuuuauuu gaaucuuu 19

<210> 581
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 581
uuuguuuagg ggauucguu 19

<210> 582
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 582
accaguucua uuguucuuu 19

<210> 583
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 583
 aagguggcaa aauggaaga 19

<210> 584
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 584
 uagcugucau gaacaggaa 19

<210> 585
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 585
 uuacugucuc cagguuagu 19

<210> 586
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 586
 ucuuugguua augaaaugu 19

<210> 587
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 587
 aggucaggug acccacuuu 19

<210> 588
 <211> 19

<212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 588
 gaguacucag cucuucaga 19

<210> 589
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 589
 gggugauugg aguggccug 19

<210> 590
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 590
 ccuccuuggc aucuuguag 19

<210> 591
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 591
 gagcuggacu uccugggac 19

<210> 592
 <211> 19
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 592
 gacuagcguc aguuuaagg 19

<210> 593
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 593
 cacuugccca gguuuauug 19

<210> 594
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 594
 uccucauuuc ucuugccuc 19

<210> 595
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 595
 accucacaga uggauucuu 19

<210> 596
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 596
 cuuucauccu ugccuguca 19

<210> 597
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 597
 acucuuuucc uucuuuguc 19

<210> 598
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 Page 115

<400> 598
cuccuuucug ccuuugaua 19

<210> 599
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 599
cagaccaac uaaaugauc 19

<210> 600
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 600
agcaaagacu uuuccuuuc 19

<210> 601
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 601
uagcaguaca ugucggaua 19

<210> 602
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 602
uaaaaugcuu acagguacu 19

<210> 603
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 603
uuuuuccauu cugggaccu 19

<210> 604
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 604
 uuaccaauag cugauuuuu 19

<210> 605
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 605
 ggaaaggaca uuauuuauu 19

<210> 606
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 606
 uaaaaaaacu gacuccagg 19

<210> 607
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 607
 aacuaagagu uaacuuuuu 19

<210> 608
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 608
 uagaauuaaa caaguaaaa 19

<210> 609
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 609
 cucagcuccc uucucuuuu 19

<210> 610
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 610
 acuccuacag ggaauaggcc 19

<210> 611
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 611
 uccuaucuu uuaucuuua 19

<210> 612
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 612
 uuagagcuuu gaauuuuu 19

<210> 613
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 613
 gggaaagcug ugacucuau 19

<210> 614
 <211> 19
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 614

auuuuagguu uuauaccug

19

<210> 615

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 615

ugcuuauugu acuucuuaa

19

<210> 616

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 616

uagaucauuu uccaccucu

19

<210> 617

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 617

uggguagcua ucaggaacu

19

<210> 618

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 618

uaauaaucac uugcucugu

19

<210> 619

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 619

uaguuuggau uucaaaauu

19

<210> 620

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 620

aaagugauau uaagaaagu

19

<210> 621

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 621

cugggaaaaa uggagacca

19

<210> 622

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 622

ggggacauau uuccugucc

19

<210> 623

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 623

gaagcaagaa aguuagggg

19

<210> 624

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 624

ugcuggauuu uaauuuuug	02_728B_SL20080306.txt	19
<p><210> 625 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 625 uguagaauga ucuugggau		19
<p><210> 626 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 626 ugucugugca aaauuacuu		19
<p><210> 627 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 627 ggcacugggg ugaggagau		19
<p><210> 628 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 628 uugggugagc uccagacag		19
<p><210> 629 <211> 19 <212> RNA <213> Artificial Sequence</p>		
<p><220> <223> Description of Artificial Sequence: Synthetic</p>		
<400> 629 ccaaguuguu uggugaccu		19

<210> 630
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 630
 aaggcaguug guucacaac 19

<210> 631
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 631
 cccucucccc agaagguua 19

<210> 632
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 632
 cuccuagucu agcuaaucc 19

<210> 633
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 633
 uucccauuc cuucugguc 19

<210> 634
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 634
 uugugaaguc cucacccuu 19

<210> 635
 <211> 19

<212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 635
 agcucugaca ggccaacau 19

<210> 636
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 636
 ugucuuggcu ucuaaucaa 19

<210> 637
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 637
 gucuuccuuu gcugccacu 19

<210> 638
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 638
 agguuuuucc ugggccaag 19

<210> 639
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 639
 gaaauuagca caaccaca 19

<210> 640
 <211> 19
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 640
 cacccuauuu ucuggacag 19

<210> 641
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 641
 accccacaag cuucugucc 19

<210> 642
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 642
 gucccaauuc cuccaugca 19

<210> 643
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 643
 gaauaacaac auaaccagg 19

<210> 644
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <400> 644
 ccaaaauuca caguccgag 19

<210> 645
 <211> 19
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic

<400> 645
auauucuguu uuacaucac 19

<210> 646
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 646
agacauuagg uuuacagaa 19

<210> 647
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 647
aacgcucauu auuuauaca 19

<210> 648
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 648
ugaauauuuu acuguguua 19

<210> 649
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 649
uuuuuuuuga cuucuauu 19

<210> 650
<211> 19
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 650
uuuuuuuuuu uuuugacuu 19

<210> 651
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 651
 aaugggugag guuaccaacc agu 23

<210> 652
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 652
 ucaccuugga cauggaagac ugu 23

<210> 653
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 653
 ccuaacauug gugcaaagau ugc 23

<210> 654
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 654
 uaugggaccu gcuaagugug gaa 23

<210> 655
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 655
 ugggugaggu uaccaaccat t 21

<210> 656
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 656
 accuuggaca uggaagacut t 21

<210> 657
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 657
 uaacauuggu gcaaagauut t 21

<210> 658
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 658
 ugggaccugc uaaguguggt t 21

<210> 659
 <211> 21
 <212> DNA
 <213> Artificial Sequence

```

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<400> 659
ugguugguaa ccucacccat t                                21

<210> 660
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<400> 660
agucuuccau guccaaggut t                                21

<210> 661
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<400> 661
aaucuuugca ccaauguat t                                21

<210> 662
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

```


<400> 662
ccacacuuag caggucccat t

21

<210> 663
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (17)..(18)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 663
ugggugaggu uaccaaccat t

21

<210> 664
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (2)..(5)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

<400> 664
 accuuggaca uggaagacut t

21

<210> 665
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

```

<220>
<221> misc_feature
<222> (4)..(4)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 665
uaacauuggu gcaaagauut t

<210> 666
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (6)..(8)
<223> 2'-deoxy-2'-fluoro

```

21

```

<220>
<221> misc_feature
<222> (10)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (17)..(17)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 666
ugggaccugc uaaguguggt t

```

21

```

<210> 667
<211> 21
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: Synthetic

```

```

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

```

```

<220>
<221> misc_feature
<222> (4)..(5)
<223> 2'-deoxy-2'-fluoro

```

```

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy-2'-fluoro

```

```

<220>
<221> misc_feature
<222> (11)..(14)
<223> 2'-deoxy-2'-fluoro

```

```

<220>
<221> misc_feature
<222> (16)..(18)
<223> 2'-deoxy-2'-fluoro

```

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<400> 667
 uggguuguuaa ccucacccat t

21

<210> 668
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (3)..(8)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (12)..(14)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<400> 668
 agucuuccau guccaaggut t

21

<210> 669
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (2)..(7)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (9)..(9)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (11)..(12)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (15)..(15)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (17)..(18)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (1)..(19)

<223> ribonucleotide unmodified or modified as described for this sequence

<220>

<221> misc_feature

<222> (20)..(20)

<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 669

aaucuuugca ccaauguat t

21

<210> 670

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(2)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (4)..(4)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

```

<222> (6)..(8)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(18)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 670
ccacacuuag cagguccat t

<210> 671
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (2)..(4)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(9)
<223> 2'-deoxy

<220>

```

21

<221> misc_feature
 <222> (10)..(11)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (13)..(14)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (15)..(16)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (17)..(18)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

<400> 671
 ugggugaggu uaccaaccat t

21

<210> 672
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

<220>

<221> misc_feature
 <222> (2)..(5)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (6)..(8)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (12)..(17)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3' attached terminal deoxyabasic moiety

<400> 672
 accuuggaca uggaagacut t

21

<210> 673
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (2)..(3)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (4)..(4)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(9)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(17)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 673
uaacauuggu gcaaagauut t

21

<210> 674
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (2)..(5)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (6)..(8)
<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature
<222> (9)..(9)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (10)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (17)..(17)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (18)..(19)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (1)..(19)

<223> ribonucleotide unmodified or modified as described for this sequence

<220>

<221> misc_feature

<222> (21)..(21)

<223> 3'-3 attached terminal deoxyabasic moiety

<400> 674

ugggaccugc uaaguguggt t

21

<210> 675

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (2)..(3)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (4)..(5)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (6)..(7)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (8)..(8)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (9)..(10)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (11)..(14)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (15)..(15)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (16)..(18)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (19)..(19)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (1)..(19)

<223> ribonucleotide unmodified or modified as described for this sequence

<220>

<221> misc_feature

<222> (20)..(20)

<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 675

ugguugguaa ccucacccat t

21

<210> 676

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(2)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (3)..(8)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (9)..(9)

<223> 2'-deoxy

<220>

<221> misc_feature

<222> (10)..(10)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (11)..(11)

```

<223> 2'-deoxy
<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(18)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 676
agucuuccau guccaaggut t

<210> 677
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(2)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (3)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (9)..(9)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)

```

21

<223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (11)..(12)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (13)..(14)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (15)..(15)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (16)..(16)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (17)..(18)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (19)..(19)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence
 <220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage
 <400> 677
 aaucuuugca ccaauguat t
 <210> 678
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <220>
 <221> misc_feature
 <222> (1)..(2)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (3)..(3)

21

```

<223> 2'-deoxy
<220>
<221> misc_feature
<222> (4)..(4)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (6)..(8)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(10)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (15)..(18)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 678
ccacacuuag caggucccat t

```

21

```

<210> 679
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

```



```

<220>
<221> misc_feature
<222> (1)..(2)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 679
uuagaaacgu gguuacaaut t

<210> 680
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (2)..(3)

```

21

<223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (5)..(5)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (8)..(9)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (11)..(11)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (13)..(17)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence
 <220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage
 <400> 680
 auuguaacca cguuucuaat t 21
 <210> 681
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: Synthetic
 <220>
 <221> misc_feature
 <222> (1)..(2)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety
 <220>
 <221> misc_feature
 <222> (3)..(7)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (8)..(8)

<223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (9)..(9)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (10)..(10)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (11)..(12)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (13)..(14)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (15)..(15)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (16)..(16)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (17)..(18)
 <223> 2'-deoxy
 <220>
 <221> misc_feature
 <222> (19)..(19)
 <223> 2'-deoxy-2'-fluoro
 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence
 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety
 <400> 681
 uuagaaacgu gguuacaaut t

21

<210> 682
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Page 147

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (2)..(3)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (4)..(4)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (8)..(9)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (13)..(17)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>

<221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<400> 682
 auuguaacca cguuucuaat t

21

<210> 683
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (6)..(7)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (10)..(10)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (12)..(12)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

<400> 683

uaacauuggu gcaaagauut t

21

<210> 684
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (3)..(7)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (11)..(12)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (15)..(15)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (17)..(18)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<400> 684
 aaucuuugca ccaauguat t

21

<210> 685
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature

```

<222> (1)..(2)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3' attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3' attached terminal deoxyabasic moiety

<400> 685
uuagaaacgu gguuacaaut t

<210> 686
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (2)..(3)
<223> 2'-deoxy-2'-fluoro

<220>

```

```

<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(9)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(17)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 686
auuguaacca cguuucuaat t

<210> 687
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (2)..(3)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (4)..(4)
<223> 2'-deoxy-2'-fluoro

<220>

```

21


```

<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(9)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(17)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<400> 687
uaacauuggu gcaaagauut t

<210> 688
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>

```

<221> misc_feature
<222> (1)..(2)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (3)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (9)..(9)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (11)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (17)..(18)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<400> 688
aaucuuugca ccaauguat t

21

<210> 689
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(2)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (3)..(7)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(9)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(12)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (17)..(18)
 <223> 2'-deoxy

 <220>
 <221> misc_feature
 <222> (19)..(19)
 <223> 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

 <400> 689
 uuagaaacgu gguuacaaut t

21

<210> 690
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (2)..(3)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (6)..(7)
 <223> 2'-deoxy

<220>
 <221> misc_feature
 <222> (8)..(9)
 <223> 2'-deoxy-2'-fluoro

```

<220>
<221> misc_feature
<222> (10)..(10)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (13)..(17)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

```

```

<400> 690
auuguaacca cguuucuaat t

```

21

```

<210> 691
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (20)..(21)
<223> n stands for any nucleotide

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

```

<400> 691
 nnnnnnnnnn nnnnnnnnnn n 21

<210> 692
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal glyceryl moiety

<400> 692
 nnnnnnnnnn nnnnnnnnnn n 21

<210> 693
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro and any purine nucleotide present is 2'-O-Methyl

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<400> 693
 nnnnnnnnnn nnnnnnnnnn n 21

<210> 694
 <211> 21

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro and any purine nucleotide present is 2'-O-methyl

 <220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal glyceryl moiety

 <400> 694
 nnnnnnnnnn nnnnnnnnnn n

21

<210> 695
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-O-methyl or 2'-Fluoro

 <220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

 <220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

 <400> 695
 nnnnnnnnnn nnnnnnnnnn n

21

<210> 696
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any perimidine nucleotide present is 2' fluoro

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal glyceryl moeity

<400> 696
 nnnnnnnnnn nnnnnnnnnn n 21

<210> 697
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro
 and any purine nucleotide present is 2'-Deoxy

<220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moeity

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moeity

<400> 697
 nnnnnnnnnn nnnnnnnnnn n 21

<210> 698
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro

 <220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

 <220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

 <400> 698
 nnnnnnnnnn nnnnnnnnnn n

21

<210> 699
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> n stands for any nucleotide wherein any pyrimidine nucleotide present is 2'-Fluoro and any purine nucleotide present is 2'-Deoxy

 <220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

 <220>
 <221> misc_feature
 <222> (20)..(21)
 <223> n stands for any nucleotide

 <220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal glyceryl moiety

 <400> 699

nnnnnnnnnn nnnnnnnnnn n

21

<210> 700
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 700
 cauggcugcc aucugcgct t

21

<210> 701
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (20)..(20)
 <223> Phosphorothioate 3'-Internucleotide Linkage

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal glyceryl moiety

<400> 701
 ggcgcagaug gcagccaugt t

21

<210> 702
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (2)..(2)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (3)..(3)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (4)..(5)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (17)..(17)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

 <400> 702
 cauggcugcc aucugcgct t

21

<210> 703
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <220>
 <221> misc_feature
 <222> (1)..(2)
 <223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (3)..(3)
 <223> 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (4)..(4)
 <223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (5)..(5)
 <223> 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (6)..(6)
 <223> 2'-O-Methyl

 <220>
 <221> misc_feature
 <222> (7)..(7)
 <223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

 <220>
 <221> misc_feature
 <222> (8)..(8)
 <223> 2'-O-Methyl

 <220>
 <221> misc_feature
 <222> (9)..(9)
 <223> 2'-deoxy-2'-fluoro

 <220>

```

<221> misc_feature
<222> (10)..(11)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (13)..(13)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (14)..(14)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (17)..(17)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (18)..(18)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal glyceryl moiety

<400> 703
ggcgcgagaug gcagccaugt t

<210> 704
<211> 21
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3' attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (3)..(3)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(10)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (16)..(16)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (18)..(19)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3' attached terminal deoxyabasic moiety

<400> 704
cauggcugcc aucugcgct t

<210> 705
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

```

```

<223> Description of Artificial Sequence: Synthetic
<220>
<221> misc_feature
<222> (3)..(3)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (5)..(5)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(9)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(12)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (15)..(16)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (18)..(18)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal glyceryl moiety

<400> 705
ggcgcagaug gcagccaugt t

```

21

```

<210> 706
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> 5'-3 attached terminal deoxyabasic moiety

```

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

<220>
<221> misc_feature
<222> (2)..(2)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (4)..(5)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (8)..(8)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (11)..(11)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (15)..(15)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (17)..(17)
<223> 2'-deoxy

<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (3)..(3)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (9)..(10)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature
<222> (12)..(14)
<223> 2'-deoxy-2'-fluoro

<220>
<221> misc_feature

<222> (16)..(16)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (18)..(19)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (1)..(19)
 <223> ribonucleotide unmodified or modified as described for this sequence

<400> 706
 cauggcugcc aucugcgct t

21

<210> 707
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 5'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (21)..(21)
 <223> 3'-3 attached terminal deoxyabasic moiety

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (3)..(3)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (6)..(7)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (9)..(10)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (12)..(14)
 <223> 2'-deoxy-2'-fluoro

<220>
 <221> misc_feature
 <222> (16)..(16)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (18)..(19)

<223> 2'-deoxy-2'-fluoro

<220>

<221> misc_feature

<222> (1)..(19)

<223> ribonucleotide unmodified or modified as described for this sequence

<400> 707

cauggcugcc aucugcgct t

21

<210> 708

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (3)..(3)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (5)..(5)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (9)..(9)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (12)..(12)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (15)..(16)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (18)..(18)

<223> 2'-deoxy-2'Fluoro

<220>

<221> misc_feature

<222> (1)..(2)

<223> 2'-O-Methyl

<220>

<221> misc_feature

<222> (4)..(4)

<223> 2'-O-Methyl

```

<220>
<221> misc_feature
<222> (6)..(8)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (10)..(11)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (13)..(14)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (17)..(17)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (19)..(19)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
<221> misc_feature
<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal glyceryl moiety

<400> 708
ggcgagcaug gcagccaugt t

<210> 709
<211> 5878
<212> DNA
<213> Homo sapiens

<400> 709
cgcaactcgtc cccagcccgc ccgggagctg cgagccgcga gctggattat ggtggcctga 60
gcagccaacg cagccgcagg agcccggagc ccttgcccct gccgcgccg ccgcccgcg 120
gggggaccag ggaagccgcc accggcccgc catgcccgcc cctcccagcc ccgcccggag 180
cccgcgcccg ctgcccaggc tggccgccgc cgtgccgatg tagcgggctc cggatcccag 240
cctctcccct gctcccgtgc tctgaggatc tcccctgacc gctctccaca gcccggaccc 300
gggggctggc ccagggccct gcaggccctg gcgtcctgat gcccacaagc tccctctcct 360
gagaagccac cagcaccacc cagacttggt ggcaggcgcc agggacggac gtgggccaagt 420
gcgagcccag agggcccga ggcgggggcc caccatggcc caagccctgc cctggctcct 480
gctgtggatg ggcgcgggag tgctgcctgc ccacggcacc cagcacggca tccggctgcc 540
cctgcgcagc ggcctggggg gcgccccctt ggggctgcgg ctgccccggg agaccgacga 600
agagcccagag gagcccggcc ggaggggagc ctttgtggag atggtggaca acctgagggg 660
caagtcgggg cagggtact acgtggagat gaccgtgggc agccccccgc agacgctcaa 720
catcctgggt gatacaggca gcagtaactt tgcagtgggt gctgcccccc accccttcct 780

```

02_728B_SL20080306.txt

gcatacgctac	taccagagggc	agctgtccag	cacataccgg	gacctccgga	aggggtgtgta	840
tgtgcccctac	acccaggggca	agtgggaagg	ggagctgggc	accgacctgg	taagcatccc	900
ccatggcccc	aacgtcactg	tgcgtgccaa	cattgctgcc	atcactgaat	cagacaagtt	960
cttcatcaac	ggctccaact	gggaaggcat	cctggggctg	gcctatgctg	agattgccag	1020
gcctgacgac	tccctggagc	ctttctttga	ctctctggta	aagcagaccc	acgttcccaa	1080
cctctttctcc	ctgcagcttt	gtgggtgctgg	cttccccctc	aaccagtctg	aagtgtctggc	1140
ctctgtcggga	gggagcatga	tcattggagg	tatcgaccac	tcgctgtaca	caggcagtct	1200
ctggtatata	cccattccggc	gggagtggta	ttatgaggtc	atcattgtgc	gggtggagat	1260
caatggacag	gatctgaaaa	tggactgcaa	ggagtacaac	tatgacaaga	gcattgtgga	1320
cagtggcacc	accaaccttc	gtttgcccaa	gaaagtgttt	gaagctgcag	tcaaatccat	1380
caaggcagcc	tcctccacgg	agaagtcccc	tgatggtttc	tggctaggag	agcagctggg	1440
gtgctggcaa	gcaggcacca	ccccttggaa	cattttccca	gtcatctcac	tctacctaat	1500
gggtgaggtt	accaaccagt	ccttccgcac	caccatcctt	ccgcagcaat	acctgcggcc	1560
agtggaagat	gtggccacgt	cccaagacga	ctgttacaag	tttgccatct	cacagtcatc	1620
cacgggcact	gttatgggag	ctgttatcat	ggagggtctc	tacgttgtct	ttgatcgggc	1680
ccgaaaacga	attggcctttg	ctgtcagcgc	ttggcattgtg	cacgatgagt	tcaggacggc	1740
agcgggtggaa	ggccctttttg	tcaccttggga	catggaagac	tgtggctaca	acattccaca	1800
gacagatgag	tcaaccctca	tgaccatagc	ctatgtcatg	gctgccatct	gcgccctctt	1860
catgctgccca	ctctgcctca	tgggtgtgtca	gtggcgctgc	ctccgctgcc	tgcgccagca	1920
gcatagtgac	tttgctgtag	acatctccct	gttgaagtga	ggaggcccat	gggcagaaga	1980
tagagattcc	cctggaccac	acctccgtgg	ctcacttttg	tcacaagtag	gagacacaga	2040
tggcacctgt	ggccagagca	cctcaggacc	ctccccaccc	accaaattgcc	tctgccttga	2100
tggagaagga	aaaggctggc	aagggtgggtt	ccagggactg	tacctgtagg	aaacagaaaa	2160
gagaagaaag	aagcactctg	ctggcgggaa	tactcttggg	cacctcaaat	ttaagtcggg	2220
aaattctgct	gcttgaaact	tcagccctga	acctttgtcc	accatttcctt	taaattctcc	2280
aacccaaagt	attctttcttt	tcttagtttc	agaagtactg	gcatacacag	caggttacct	2340
tggcgtgtgt	ccctgtggta	ccctggcaga	gaagagacca	agcttgtttc	cctgctggcc	2400
aaagtcatga	ggagaggatg	cacagtttgc	tattttgcttt	agagacaggg	actgtataaa	2460
caagcctaac	attggtgcaa	agattgcctc	ttgaattaaa	aaaaaaaaact	agattgacta	2520
tttatacaaa	tgggggcggc	tggaaagagg	agaaggagag	ggagtacaaa	gacaggggaat	2580
agtgggatca	aagctaggaa	aggcagaaac	acaaccactc	accagtccta	gttttagacc	2640
tcactctcaa	gatagcatcc	catctcagaa	gatgggtgtt	gttttcaatg	ttttcttttc	2700
tgtggttgca	gcctgaccaa	aagtgagatg	ggaagggctt	atctagccaa	agagctcttt	2760
tttagctctc	ttaaatgaag	tgcccactaa	gaagttccac	ttaacacatg	aattttctgc	2820
atattaattt	cattgtctct	atctgaacca	ccctttattc	tacatatgat	aggcagcact	2880
gaaatatcct	aaccccctaa	gctccagggtg	ccctgtggga	gagcaactgg	actatagcag	2940
ggctgggctc	tgtcttctctg	gtcatagggt	cactctttcc	cccaaattctt	cctctggagc	3000
tttgacagcca	aggtgctaaa	aggaataggt	aggagacctc	ttctatctaa	tccttaaaaag	3060
cataatgttg	aacattcatt	caacagctga	tgccctataa	cccctgcctg	gatttctttc	3120
tattaggcta	taagaagtag	caagatcttt	acataattca	gagtggtttc	attgcctttc	3180
tacctctctc	aatggccccct	ccatttatatt	gactaaagca	tcacacagtg	gcactagcat	3240
tataccaaga	gtatgagaaa	tacagtgtct	tatggctcta	acattactgc	cttcagtatc	3300
aaggctgcct	ggagaaaagga	tggcagcctc	agggcttccct	tatgtcctcc	accacaagag	3360
ctccttgatg	aaggtcatct	ttttccccct	tcctgttctt	ccccctcccgc	ctcctaattg	3420
tacgtgggta	cccaggctgg	ttcttgggct	aggtgattgg	gaccaagttc	attacctccc	3480
tatcagttct	agcatagtaa	actacggtac	cagtgttagt	gggaagagct	gggttttctc	3540
agtataccca	ctgcaccta	ctcctacctg	gtcaacccgc	tgcttccagg	tatgggacct	3600
gctaagtgtg	gaattacctg	ataagggaga	gggaaataca	aggaggccct	ctggtgttcc	3660
tggcctcagc	cagctgcccc	caagccataa	accaataaaa	caagaatact	gagtcagttt	3720
tttatctggg	ttctctttcat	tcccactgca	cttggtgctg	ctttggctga	ctgggaacac	3780
cccataacta	cagagtctga	caggaagact	ggagactgtc	cacttctagc	tcggaactta	3840
ctgtgtaaat	aaactttcag	aactgtctacc	atgaagtga	aatgccacat	tttgctttat	3900
aattttctacc	catgttggga	aaaactggct	ttttcccgag	cctttccagg	gcataaaaact	3960
caaccccttc	gatagcaagt	cccattcagc	tattattttt	ttaaagaaaa	cttgcaattg	4020
tttttctttt	tacagttact	tccttctctg	cccaaaaatta	taaactctaa	gtgtaaaaaa	4080
aagtcttaac	aacagcttct	tgcttgtaaa	aatatgtatt	atacatctgt	attttttaaa	4140
tctgtctctg	aaaaatgact	gtcccattct	ccactcactg	catttggggc	ctttccctatt	4200
ggctctgcatg	tcttttatca	ttgcaggcca	gtggacagag	ggagaagggga	gaacaggggt	4260
cgccaacact	tgtgttgctt	tctgactgat	cctgaacaag	aaagagtaac	actgaggcgc	4320
tcgctcccat	gcacaactct	ccaaaacact	tatcctcctg	caagagtggg	ctttccaggg	4380
tctttacttg	gaagcagtta	agccccctcc	tcaccccttc	cttttttctt	tctttactcc	4440
tttggcttca	aaggattttg	gaaaagaaac	aatatgcctt	acactcattt	tcaatttcta	4500
aatttgcagg	ggatactgaa	aaatacggca	ggtggcctaa	ggctgctgta	aagttgaggg	4560

02_728B_SL20080306.txt

gagaggaaat	cttaagatta	caagataaaa	aacgaatccc	ctaaacaaaa	agaacaatag	4620
aactggtcct	ccattttgcc	accttttcctg	tccatgacag	ctactaacct	ggagacagta	4680
acatttcatt	aaccaaaaga	agtgggtcac	ctgacctctg	aagagctgag	tactcaggcc	4740
actccaatca	ccctacaaga	tgccaaggag	gtcccaggaa	gtccagctcc	ttaaactgac	4800
gctagtcaat	aaacctgggc	aagtgaggca	agagaaatga	ggaagaatcc	atctgtgagg	4860
tgacaggcaa	ggatgaaaga	caaagaagga	aaagagtatc	aaaggcagaa	aggagatcat	4920
ttagttgggt	ctgaaaggaa	aagtctttgc	tatccgacat	gtactgctag	tacctgtaag	4980
catttttaggt	cccagaatgg	aaaaaaaaat	cagctattgg	taatataata	atgtcctttc	5040
cctggagtca	gtttttttta	aaagttaact	cttagttttt	acttgtttaa	ttctaaaaga	5100
gaaggagct	gaggccattc	cctgtaggag	taaagataaa	aggataggaa	aagattcaaa	5160
gctctaatag	agtcacagct	ttcccaggta	taaaacctaa	aattaagaag	tacaataagc	5220
agagggtggaa	aatgatctag	ttcctgatag	ctaccacag	agcaagtgat	ttataaattt	5280
gaaatccaaa	ctactttctt	aatatcactt	tggtctccat	ttttcccagg	acaggaaata	5340
tgtccccccc	taactttctt	gcttcaaaaa	ttaaaatcca	gcatcccaag	atcattctac	5400
aagtaatttt	gcacagacat	ctcctcacc	cagtgcctgt	ctggagctca	ccaagggtca	5460
ccaaacaact	tggttgtgaa	ccaactgcct	taaccttctg	ggggaggggg	attagctaga	5520
ctaggagacc	agaagtgaat	gggaaagggg	gaggacttca	caatgttggc	ctgtcagagc	5580
ttgattagaa	gccaagacag	tggcagcaaa	ggaagacttg	gccaggaaa	aacctgtggg	5640
ttgtgctaata	ttctgtccag	aaaatagggg	ggacagaagc	ttgtgggggtg	catggaggaa	5700
ttgggacctg	gttatgttgt	tattctcgga	ctgtgaattt	tggtgatgta	aaacagaata	5760
ttctgtaaac	ctaattgtctg	tataaataat	gagcgttaac	acagtaaaat	attcaataag	5820
aagtcaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	5878